School of Technology

Minor in Data Acquisition and Industrial Control - TDAC

Name (please print): ____________________________________________________________________________

(Last)                                                     (First)                                                (Middle)

Student Number: ___________________________

Primary Major: ____________________________   Expected Major Completion Term: __________________

Required Courses – 6 credits

____ EET 3131 Instrumentation (3) OR
____ EET 4253 LabVIEW Programming for Data Acquisition (3)
____ EET 3373 Introduction to Programmable Controllers (3)

NOTE: EET 3131 is taken in the spring semester and EET 3373 is taken in the fall semester.

Required Courses – 3-4 credits

Select only one course.

____ EE 2112 Electric Circuits II (4)
____ EE 3010 Circuits and Instrumentation (3)
____ EET 1411 Basic Electronics (4)

Credits Required = 18*

* A minimum of 9 credits are required at the 3000-level or higher

Elective Courses

Select 8 -9 additional credits from the list below:

____ CM 3310 Process Control (3)
____ EET 4141 Microcomputer Interfacing (4)
____ EET 4144 Real-Time Robotics Systems (4)
____ EET 4147 Industrial Robotic Vision Systems (4)
____ EET 4311 Advanced Circuits & Controls (4)
____ EET 4363 Industrial Comm Protocols (3)
____ EET 4365 In-Vehicle Comm Networks (3)
____ EET 4373 Advanced Programmable Controllers (4)
____ ENVE 3502 Environmental Monitoring and Measurement Analysis (3)
____ GE 4250 Fundamentals of Remote Sensing (3)
____ MEEM 3000 Mechanical Engg Lab (2)
____ MEEM 4701 Analytical & Experimental Modal Analysis (4)
____ SU 4003 GIS Technology Fundamentals (1)
____ SU 4010 Geospatial Concepts, Technologies and Data (3)
____ UN 4000 Remote Sensing Seminar (1-2)

Courses listed in this minor have the following prerequisites (shown in parentheses). Concurrency is illustrated by the letter C: EET3131 (EET1411 or EET2220 or PH2230 or EET2120 and EET1411 or EET2411 or PH2230 or EE2110 or EET3010), EET2112 (EE2111 and (MA3520 or MA3521 or MA3530 or MA3560), EET1411 (MA1031 or MA1032 or MA1160 (C) or MA1161 (C) or MA1135 (C)), EET2220 (EET2120), PH2230 (PH2200 or PH2260), CM3310 ((MA3520 or MA3521 or MA3530 or MA3560) and PH 2200 and CM2110 and CM2120), EET4141 (EET2141 or CSI121), EET4144 (EET1411 or EET2220 or PH2230 or EE2110 or EET3010), EET4253 (EET1411 or EET2220 or EE2110 or PH2230), EET4311 (EET3131 or EET4253), EET4373 (EET3373), ENVE3502 (MA2160 and CH1112 or (CH1150 and CH1151)), GE4250 (PH2200 and MA2160), MEEM 3000 ((MEEM2150 or ENG2120) and MEEM3230 (C) and MEEM3700 (C) and EE3010), MEEM 4701 (MEEM3000 and MEEM3700)

Student        Date        Department Advisor         Date

Academic Year 2016-17